Hurricane Harvey ESF – 10 Unified Incident Action Plan (IAP-4)

Operational Period:

Starting: 09/03/2017 @ 0700

Ending: 09/04/2017 @ 0700

1. Incident Name:	2. Operational Period: (Date / Time)	
Hurricane Harvey – ESF 10 Texas	From: 09/02/2017 @ 0700 To: 09/03/2017 @ 0700	INCIDENT OBJECTIVES ICS 202 - EPA
3. Incident Objective(s):	10. 03/03/2017 @ 0700	
 Maximize the protection of pull ldentify affected drinking water determine their operational state (provide technical assistance). Conduct wide area assessment potential or actual discharges for recovery or mitigation in actual discharges for recovery or mitigation in actual dentify, mitigate/recover promote in actual infrastruction in actual dentify secure areas to processoriginal owner displaced orphates. Identify locations and establish and scope of the incident. Establish and maintain a communication in dentify and maximize protection in Manage a coordinated interage Command. Establish an IMT that can meet Inform the public, stakeholders 	er and wastewater systems in each area, atus and facilitate system contact with F. In to identify orphaned containers equal from vessels and/or facilities, and document cordance with Natural Disaster Operation to the containers of the containers, above ground storage tand the ESF 10 ICP, Branches, and Staging Architecture.	to or greater than 5 gallons, ment the most effective means ons Workgroup protocols. argets. and immediate/ongoing releases. recycling, disposal, or return to nks, hazardous waste, and eas commensurate to the size and threatened species.
4. Operational Period Command Emphasis. (Prior	orities, Key Discussions/Directions):	
"Get them back to normal"	d using the NDOW Standard Operating Pro	ocedures, NDOW tools, and
☐ Approved Site Safety Plan Located at:		
S. Prepared By: (PSC)	1/10/1	(Date / Time)
Name: Matt Loesel	Signature: MAR Comment	09/02/17
. Approved By (Incident Commander(s)):	The contract of the contract o	(Date / Time)
lame: ohn Martin, EPA	Signature Markin	09/02/17
inthony Buck, TCEQ	any ~ Per	09/02/17

INCIDENT OBJECTIVES

Tedd Hutley, US Coast Guard

ICS 202 - EPA (Rev 02/10)

09/02/17

1. Incident Name	2. Operational Period (Date/Time)	Command Direction
Hurricane Harvey – ESF 10 Texas	From: 09-03-17 0700	ICS 202A-CG
numicane narvey – ESF 10 Texas	To: 09-04-17 0700	

3. Key Decisions and Procedures: (Ref IMH pg 4-1 to 4-2)

NAME OF INCIDENT: Hurricane Harvey ESF-10 Texas

OPERATIONAL PERIOD: 24hour operational period

<u>FUNCTIONS:</u> Safety, Oil Spill & Hazardous Substance Release and Threats, Environmental Protection, drinking water and waste water facility assessment.

ASSISTING & COOPERATING AGENCIES: EPA, TCEQ, TGLO, USCG, NOAA, CST, Austin Police, USFW, TPWD

ORGANIZATION: (Consider Shift Work)

- AGENCY EXECUTIVE(S): FEMA JFO
- INCIDENT/UNIFIED COMMAND: EPA is the lead agency for ESF-10 and USCG is Deputy to support state of TX in accordance with NRF. The ESF-10 Unified Command consists of TGLO, TCEQ, EPA and USCG.
- **COMMAND STAFF:**
- PIO EPA, assistants as necessary
- LOFR EPA, USCG assistant
- SOFR CST, ASOFR USCG, EPA
- NOAA-SSC
- Legal Officer TBD
- GENERAL STAFF
- OSC EPA with each participating UC agency as Deputy
- PSC EPA, with each participating UC agency as Deputy
- LSC EPA, with each participating UC agency as Deputy
- FSC EPA, Deputy USCG (for FPN mgnt)

FACILITIES:

- ICP LOCATION: Corpus Christi; Intend to move ESF10 ICP to centralized location (TBD).
- JIC LOCATION: Full FEMA JIC TBD
- Airport: Corpus Naval Air Station

Delegation of Authority:

All Section Chiefs are empowered to staff according to the needs of the response.

<u>IMT Procedures/Function:</u> The National Response Framework, ESF10 annex, the Area Contingency Plan, and Geographic Response Plans, and TGLO tool kit will be used, as appropriate, in planning operations.

All field activities will be conducted using the NDOW Standard Operating Procedures, NDOW tools and Response Manager All responders will use USCG/EPA IMH and job aids as the IMT SOP. All IMT members shall review their section responsibilities.

UC Functionality:

Core hours of the UC will be from 0700 to 1900.

UC shall approve all media releases.

UC will approve visitation of VIPs to the response sites.

The UC members will work with their Deputies to ensure someone is accessible 24 hours/day.

4. Priorities: (Reference IMH pg 4-2 to 4-3)

- 1. Life Safety of Public and Responders
- 2. Drinking Water and Waste Water systems
- 3. Assessment, prioritization and mitigation and monitoring of oil and hazardous substance targets throughout impacted area utilizing NDOW protocols
- 4. Environmental Protection
- 5. Information management and situational awareness
- 6. Unified and efficient government support to the state of Texas

5. Limitations and Constraints: (Ref IMH pg 4-3 to 4-4)

MANAGERIAL:

Working under large FEMA led disaster response organization.

Impacted area crosses 3 COTP zones; Delegation of FOSC authority pends.

Oil response funded under separate FPNs

POLITICAL ENVIRONMENT:

Media Coverage: There is likely to be high media interest.

Public Confidence/Perception

Potential for Adverse Economic/Environmental/Health and safety Impacts:

There has been a Large Scale Evacuation with numerous displaced citizens

FINANCIAL:

Funding Sources: EPA has been issued an \$8.5Million ESF10 mission assignment. EPA will manage the cost accounting for these funds.

USCG will utilize FPNs for oil spills. USCG will manage the cost accounting for these FPNs. USCG MA is pending approval.

LOGISTICAL:

Multiple resource ordering processes may confuse the process.

Lodging availability is scarce.

Personnel must travel long distances to conduct response operations.

Each agency will use their own logistics processes.

OPERATIONAL/SAFETY/ENVIRONMENTAL:

Night operations on as needed call-out basis.

RESOURCES: Limited Staffing Resources for adequate IMT.

GEOGRAPHY/TERRAIN: Impact of the event is widespread over a large geographic area. Impacts cross 3 Captain of the Port zones and entire EPA Region.

PHYSICAL ENVIRONMENT: Heat stress must be considered during each and every operation.

Numerous health safety hazards.

6. Prepared by: (Planning Section Chief)

Matthew Loesel

Date/Time
09/02/2017 1530

1. Incident Name	2. Operational Period (Date/Time)	Critical Information
Hurricane Harvey – ESF 10 Texas	From: 09/02/2017 @ 0700 To: 09/03/2017 @ 0700	Requirements ICS 202B

3. <u>Critical Information Requirements(CIRs):</u> (ref IMH pg 4-9 to 4-10, and Chapter 12)

(CIRs are a comprehensive list of information requirements that the IC/UC has identified as critical to facilitate timely decision making. These CIRs should be tracked by the Planning Section/Situation Unit, and incorporated into the daily situation reports.)

- Any new discovery of an active discharge must be immediately reported to the Operations Section Chief and shall be reported to the NRC.
- Accountability of personnel.
- Status of NDOW Targets.
- Environmental resources at risk as a result of the incident and response.
- Environmental Impact.
- Wildlife Impacts.
- Social media field observations or trends.
- · Political interests or concerns and media interests and concerns.
- Completion of an Operational Objective.
- 75% of FPN Ceiling.
- Any Interagency issue or disagreement that cannot be solved at the Section Chief level.
- Agency Burn Rate

<u>IMMEDIATE REPORTING THRESHOLDS</u>: (The following elements of information must be reported immediately to the IC/UC, and the Planning Section/Situation Unit for tracking/dissemination.)

- Fatalities and/or injuries beyond first aid.
- Anytime Safety Officer Shuts down operations.
- Significant change in media interests and concerns.
- Significant change in political interests and concerns.
- Failure of Incident Specific Critical Resource that impacts operations.
- Any new discovery of an active discharge must be immediately reported to the Operations Section Chief and shall be reported to the NRC
- Any changes to planned operations
- Request for VIP visits
- Any Ceiling increase of FPN, CPN, or Mission Assignment

4. Prepared by: (Planning Section Chief)
Matthew Loesel

Date/Time 09/02/17 1545

Instructions for Field Personnel:

For Media Inquiries Contact R6HarveyPIO@epa.gov

HH2017COM
APPROVED Talking Points
09/01/17

DO: TALK ABOUT YOUR WORK AND WHAT YOU ARE DOING; AVOID NO COMMENT

DON'T: TALK ABOUT OTHERS' WORK OR SPECULATE

- EPA has an organized emergency response program and is supporting FEMA, state, local and tribal partners.
- Safety is EPA's top priority
- EPA responders are full integrated in a UNIFIED COMMAND with Texas Commission on Environmental Quality and Texas General Land Office, US Coast Guard
- Flood water is contaminated. Contact should be avoided.
- EPA is supporting the response effort in several ways:
 - Drinking water and waste water staff will offer technical assistance as necessary to restore services. Teams will visit or contact facilities if needed.
 - Superfund site managers worked to secure sites before the storm. Teams are continuing to assess site conditions and determine additional actions as necessary.
 - EPA is working with state partners to assist in contacting industrial facilities, determine status and plans to resume operations
 - EPA TAGA vehicle and ASPECT plane have been deployed to monitor developing environmental impacts
- Response teams will continue to evaluate affected areas and determine necessary actions as appropriate

1. Incident Name:	2. Operational Period: (Date / Time)	"Safety Message"
Huminana Hamay FSF 40 Tayra	From: 09-03-17 @ 0700	
Hurricane Harvey – ESF 10 Texas	То: 09-04-17 @ 0700	

Major Hazards and Risks:

Travel Electrical Hazards Biological Hazards Slips, Trips, and Falls

Thermal Stresses Hazardous Materials Insects Fire/Explosions

Security Fatigue Stress Wild & Stray Animals Structural Integrity

Wound Care – Make sure that when you get a cut, scrape, and or puncture that you clean the area with antiseptic, apply some sort of topical antibiotic, and keep covered so that the wound area stays clean. Be sure to check wound daily to see that it is not getting infected. If the wound area becomes red and swollen, especially if red streaks extend from the wound, you should seek medical attention.

Where is the Hospital? Make sure to check the HASP and or Medical Plan (ICS Form 206) for the hospital closest to where you will be working and where you are staying. Remember if you call 911 from a cell phone you will need to provide the address of where you are located or at least and an address generally in the area of where you are working before they can respond.

Early Morning Driving Safety – We **MUST** be very cautious while driving from our hotel to work. Be on the lookout for issues with street signage and lights! Take the time to make sure your windows and free of water or fog prior to driving.

Don't Forget To Drink Water! - Please bring plenty of water with you when you go out to the work-sites. Remember, if you don't drink, you'll drop like a rock! When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes.

Signs and symptoms of heat exhaustion – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output.

Signs and symptoms of heat Stroke – confusion, slurred speech; loss of consciousness; red hot, dry skin or profuse sweating, very high body temperature, seizures.

Staging Pad Sites – Ensure proper segregation of chemicals, utilize Cameo Chemical to determine compatibility. Refer to ICS Form 204 for additional safety instructions.

Who To Call! Address any Safety concerns to Reggie Book, 512-233-9330, David Eppler 214-733-4676 (214-665-3100) or Edward Primeau, 609-351-7148.

Present Moment Thinking – Think about what you are doing and not what you still have to do.

Careful when walking on wooden surfaces like stairs and docks, inspect for structural stability.

Recommend that all supervisors and team leaders conduct Operational Risk Management prior to the start of all operations. Provide rest in a cool shaded location.

The mosquitos are increasing, ensure the use of insect repellant and reapply as directed by the manufacturer.

DO NOT BECOME COMPLACIENT

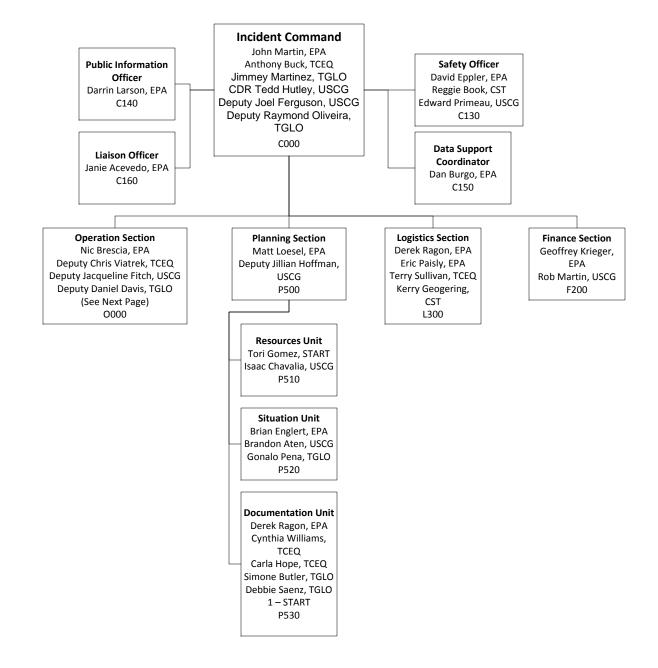
Incident Name: Hurricane Harvey – ESF 10

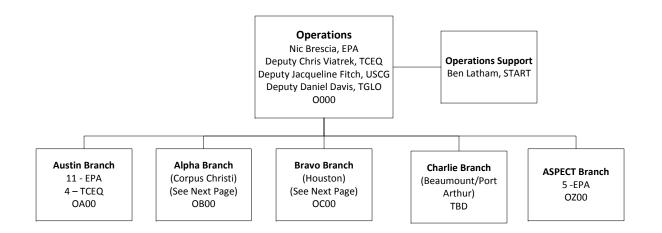
Texas

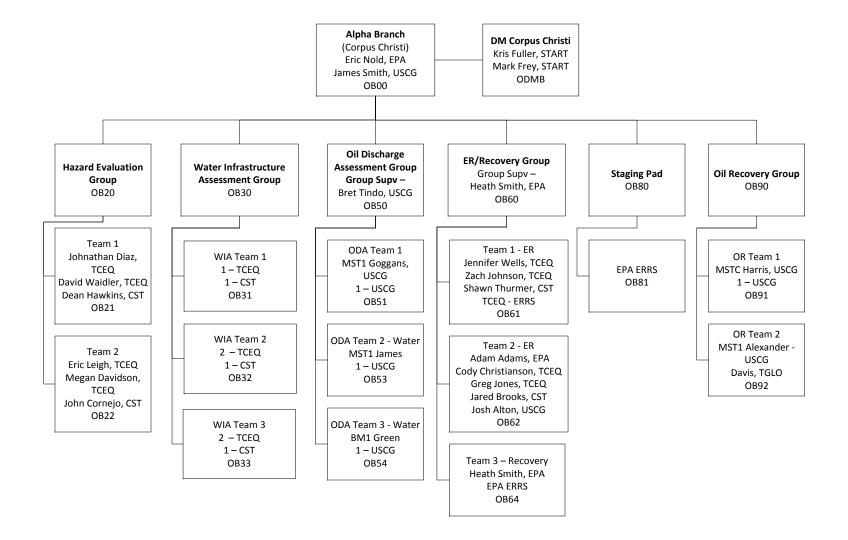
Operational Period: 09/02/17 to 09/03/17

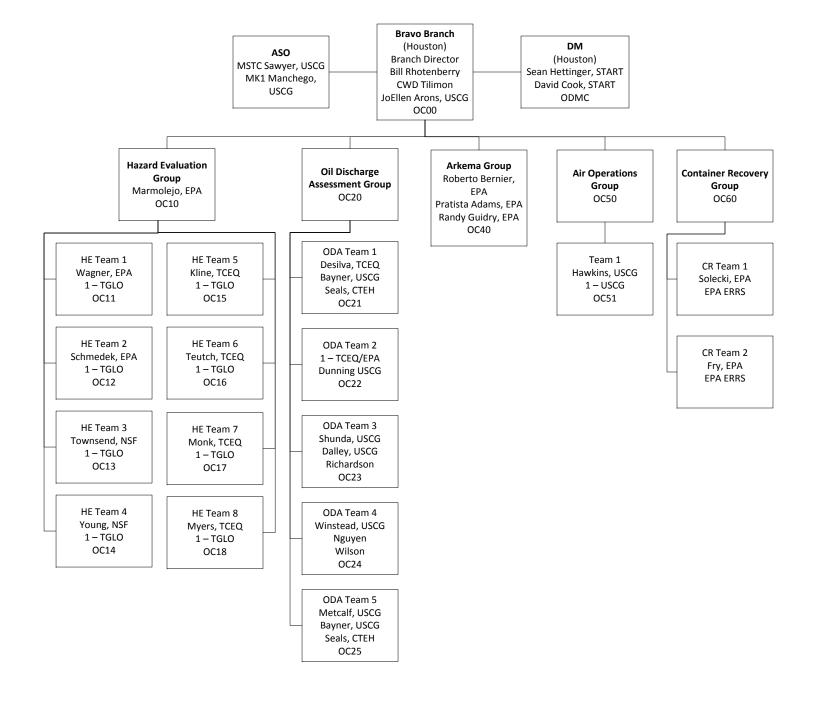
Prepared by: Tori Gomez

Date: 09/01/17 Time: 1900









1. Incident Name:		2. Operational Period: (Date / Time)					SNMENT LI	ет	
Hurricane Harvey – E	SF 10 Texas	From: 09-00 To: 09-04		0700 0700				CS 204 - E	
3. Branch:		4. Division/	Group,	/Staging:					
ALPHA		ER/Recove	ery Gr	roup					
5. Operations Personnel:			***************************************						,
ICS Position	Na	me		Affilia	tion		Contact # (s)		
Operations Section	NICOLAS BRESC		EPA			214-789-83			
Chief:	CHRIS WIATREK			TCEQ		512-605-9	549		······································
Division/Group Supervisor/STAM:	CHRIS WIATREK			TCEQ 512-605-			649		,
Branch Chief:	ERIC NOLD			EPA		816-718-42			
6. Resources Assigned:	-			"X" indica	ites 204a	attachment wi	th additional	linstructions	
Strike Team/Task Force/ Resource Identifier	der	Cor	ntact Info. #	# of Persons	Repo	rting Info/Not	es/Remarks		
Team 1	Jennifer Wells Zach Johnson Shawn Thurme TCEQ ERRS	TCEQ	903-	-207-3529 -563-6678 -233-9317	7	Contact OP	'S at 1100 a	nd 1500	
Team 2 - Recovery	Cody Christian Greg Jones - T Jared Brooks -	Adam Adams – EPA Cody Christianson - TCEQ Greg Jones - TCEQ Jared Brooks - CST Josh Alton – USCG TCEQ ERRS		-202-6952 -396-5181 -579-4177 -233-9318 -939-3816	10	Contact OP	'S at 1100 a	nd 1500	
Team 3 – STRIKE Team	STRIKE Team Heath Smith – EPA EPA ERRS			-718-4277)					
7. Work Assignments:						•		•	
7. Work Assignments: Conduct Orphan Container Recovery in Port Aransas. Containers pre-existing the disaster that are in their obvious place of origin and have not been displaced during the disaster should not be recovered unless they are leaking as a result of the disaster. Physically recover all orphan containers identified. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document targets utilizing Response Manager via a Laptop/IPAD/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.									
8. Special Instructions:									
8. Special Instructions: When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Signs and symptoms of heat exhaustion – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or Edward Primeau, 609-351-7148.									
9. Communications (radio	and/or phone contact	numbers neede	d for t	his assignme	ent):				
Name/Function	Radio: Freq./Sy				one		Cell	/Pager	
Emergency Communication	ons: 911 / SO (512)	233-9330 / OF	PS CHI	IEF: (512) 605	5-9649				
10. Prepared by: (RESL)	(Date / Time) 11.	Reviewed by: (P	SC)	(Date / Ti	me) 1	2. Reviewed by	y: (OPS)	(Date / Time	e)
Tori Gomez	9/02/17 2000 Mat	hew Loesel			N	licolas Brescia			
ASSIGNMENT LIST						IC	S 204 – EF	PA (Rev 02/10)	

1. Incident Name:			. Operational P		ne)	ASSIGNMENT LIST					
Hurricane Harvey –	ESF 10 Texas		From: 09-03-17 To: 09-04-17					CS 204 -			
3. Branch:		4	. Division/Grou	p/Staging:							
ALPHA		H	Hazard Evaluat	ion Group							
5. Operations Personnel:											
ICS Position		Name		Affilia	tion	Contact # (s)					
Operations Section Chief:				EPA TCEQ		1 ' '	(214) 789-8383 (512) 605-9649				
Division/Group Supervisor/STAM:	I CHRIN WIDIR	REK		TCEQ (5		(512) 605-	9649				
Branch Chief:	ERIC NOLD			EPA		816-718-4	274				
6. Resources Assigned:	-			"X" indica	ates 204a	attachment wi	th additional	instructions	3		
Strike Team/Task Force/	Lea	ıder	Co	ontact Info. #	# of Persons	Repo	orting Info/Not	es/Remarks			
Resource Identifier	Inhandhan Dian	TCEO	(05)	() 454 0297		<u>'</u>					
HE Team 1	Johnathan Diaz - David Waidler - Dean Hawkins -	TCEQ	(21	5) 454-0387 4) 208-0617 2) 233-9328	3	Contact OP	S at comple	etion			
HE Team 2	Eric Leigh – TCEQ Megan Davidson – TCEQ John Cornejo - CST			9) 324-9744 7) 453-0022 2) 233-9319	3	Contact OP	S at comple	etion			
	v										
			нанинин								
			нининининин								
7. Work Assignments:			i								
Conduct Orphan Conta and conduct evaluation utilizing Response Mar teams must download/s Team 1 North of Aransas	of the targets. Utinager via a Laptopy ync assessment in	lize the N IPAD/Ha formation	DOW Orphan zard Evaluation daily and con	Container Ha on Field Data	nzard Eva Sheet & (luation SOP a Orphan Conta	and docume ainer Photo	nt targets			
8. Special Instructions:											
per hour. During prolo symptoms of heat exhi- weakness, thirst; irritab unknowns and half the	When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Signs and symptoms of heat exhaustion – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or Edward Primeau, 609-351-7148.										
9. Communications (radi	o and/or phone cor	tact numb	pers needed for	this assignme	ent):						
1	Name/Function			Radio: Freq./Sy	stem/Char	nnel	Phone / 0	Cell / Pager			
Emergency Communicat	ions: 911 / SO (512) 233-9	330 / OPS C	HIEF: (512) 60	5-9649						
10. Prepared by: (RESL)	(Date / Time)	11. Revie	wed by: (PSC)	(Date / Ti	me) 12	2. Reviewed by	y: (OPS)	(Date / Ti	me)		
Tori Gomez	9/02/17 1930	Matthew Lo	oesel		N	icolas Brescia					
ASSIGNMENT LIST						IC	S 204 – EF	PA (Rev 02/10)			

1. Incident Name:			2. Operational Period: (Date / Time) From: 09-03-17 @ 0700 ASSIGNMENT LIS						
Hurricane Harvey –	ESF 10 Texas	From: 09-03-17 @ To: 09-04-17 @					ICS 204 -		
3. Branch:		4. Division/Group	/Staging:						
ALPHA		Staging Pad							
5. Operations Personnel:			*						
ICS Position	Nam	ne	Affiliati	ion	Contact # (s)				
Operations Section Chief:	NICOLAS BRESCIA CHRIS WIATREK	A	EPA R6 TCEQ		(214) 789-5 (512) 605-5				
Division/Group Supervisor/STAM:	CHRIS WIATREK		TCEQ		(512) 605-9	9649			
Branch Chief:	ERIC NOLD		EPA R6		816-718-42	274			
6. Resources Assigned:			"X" indicat	tes 204a a	ttachment wi	th additiona	l instruction:	S	
Strike Team/Task Force/ Resource Identifier	Leader	Cor	ntact Info. #	# of Persons	Repo	rting Info/Not	tes/Remarks		
Team 1	ERRS Contractor				Contact OP	S at comple	etion		
7. Work Assignments:		'							
To receive, process, cate	egorize, bulk, and dispo	se of any and all fo	und hazardou	ıs contain	ners.				
For personnel working a personnel training address operating procedures for areas, and any sampling and how to obtain additional capabilities. The Site shapes of the personnel working and the sampling and how to obtain additional capabilities.	ess the care, use and/or r the hazardous materia and/or monitoring equional assistance if requi	testing of all PPE us ls team including th ipment used at the s red. All personnel s	sed at the site te use of plug tites. Informa hould be fam	the med ging and tion must tiliar with	lical surveilla patching equ t be posted at the local are	ance progra nipment and the site reg eas emerger	m, the stand l other subject garding whe	ect re	
8. Special Instructions:									
When the heat index is a per hour. During prolon symptoms of heat exhaweakness, thirst; irritable unknowns and half the Address any Safety con-	nged sweating lasting so nustion – cool, moist sk lity; elevated body tem FLV for known chemic	everal hours, drink s in; heavy sweating; perature; decreased al hazards. Conduct	ports drinks headache; na urine output. Operational	containin ausea or v The acti Risk Mar	g balanced e vomiting, diz on level for v nagement pri	lectrolytes. ziness; ligh VOCs is 5 p	Signs and at-headedness opm for	•	
9. Communications (radio	and/or phone contact n	umbers needed for t	his assignmer	nt):					
N	lame/Function	R	adio: Freq./Sys	stem/Chan	nel	Phone /	Cell / Pager		
Emergency Communicati	ons: 911 / SO (512) 2	33-9330 / OPS CH	IIEF: (512) 605	-9649					
10. Prepared by: (RESL)	(Date / Time) 11. R	eviewed by: (PSC)	(Date / Tin	ne) 12	. Reviewed by	/: (OPS)	(Date / Ti	me)	
Tori Gomez	9/02/17 1930 Matth	ew Loesel		Nic	colas Brescia				
ASSIGNMENT LIST					IC	S 204 – EF	PA (Rev 02/10)		

1. Incident Name:		2. Operational Period: (Date / Time) From: 09-03-17 @ 0700 ASSIGNMENT LIS						ПОТ	
Hurricane Harvey –	ESF 10 Texas	1	·03-17					ICS 204 -	
3. Branch:		4. Divisio	n/Group	/Staging:					
ALPHA		Water In	frastruc	ture Assessn	nent Grou	ıp			
5. Operations Personnel:									
ICS Position	ľ	Name		Affilia	tion		Contact # (s)		
Operations Section				EPA			14) 789-8383		
Chief:		EK		TCEQ (512) 60			9649 		
Division/Group Supervisor/STAM:		EK		TCEQ (512) 60			9649		
Branch Chief:	ERIC NOLD			EPA		816-718-42	274		
6. Resources Assigned:				"X" indica	ates 204a a	attachment wi	th additional	l instruction	s
Strike Team/Task Force/ Resource Identifier	Leade	er	Cor	ntact Info. #	# of Persons	Repo	rting Info/Not	es/Remarks	
Team 1	TCEQ CST				2	Contact OP	PS at 1100 a:	nd 1500	
Team 2	TCEQ CST				2	Contact OP	S at 1100 a	nd 1500	
Team 3	TCEQ CST				2	Contact OP	'S at 1100 a	nd 1500	
						Contact OP	'S at 1100 a	nd 1500	
7. Work Assignments:									
Conduct Water Infrastr evaluation of these faci Manager via a Laptop/I Water/Waste Water Sta assessment information	lities. Utilize the ND PDA/ and the Drinki tus Code sheet & W	OOW Water Inf ng Water/Wast ater Infrastruct	rastructi e Water ure Asse	ure Evaluation Infrastructuressment Photos	on SOP ar re Evalua to Placard	nd document tion Data She	targets utilizet and Drin	zing Respon	
8. Special Instructions:					_				
When the heat index is per hour. During prolosymptoms of heat exhausters, thirst; irritab unknowns and half the Address any Safety con	nged sweating lastin austion – cool, mois ility; elevated body TLV for known cher	g several hours st skin; heavy st temperature; de mical hazards.	, drink s weating; creased Conduct	sports drinks headache; n urine output Operational	containir nausea or t. The acti I Risk Ma	ng balanced e vomiting, diz ion level for ' anagement pri	lectrolytes. zziness; ligh VOCs is 5 p	Signs and t-headedne opm for	-
9. Communications (radi	o and/or phone conta	ct numbers nee	ded for t	his assignme	ent):				
N	lame/Function		R	adio: Freq./Sy	stem/Char	nnel	Phone / 0	Cell / Pager	
Emergency Communicat	ions: 911 / SO (51	2) 233-9330 /	OPS CH	IIEF: (512) 60	5-9649				
10. Prepared by: (RESL)	(Date / Time) 1	1. Reviewed by:	(PSC)	(Date / Ti	me) 12	2. Reviewed by	y: (OPS)	(Date / Ti	ime)
Tori Gomez	9/02/17 1900 M	latthew Loesel			Ni	icolas Brescia			
ASSIGNMENT LIST						IC	S 204 – EF	PA (Rev 02/10)	

1. Incident Name:	2. Operation	2. Operational Period: (Date / Time)									
Hurricane Harvey – E	SF 10 Texas	From: 09-03 To: 09-04		0700 0700				SNMENT LIST CS 204 - EPA			
3. Branch:		4. Division/0	3roup/	Staging:							
ALPHA		Oil Dischar	Oil Discharge Assessment Group								
5. Operations Personnel:			·								
ICS Position	Name	9		Affiliat	 ion	Contact # (s)					
	NICOLAS BRESCIA			EPA		214-789-83		(0)			
Operations Section Chief:	JACQUELINE FITC			USCG		415-720-4	170				
	DANIEL DAVIS			TGLO		361-438-0379					
OPBD ALPHA:	JAMES SMITH			USCG (251)644-		(251)644-1	785				
Branch Chief:	ERIC NOLD			EPA		816-718-42	274				
6. Resources Assigned:				"X" indica	tes 204a a	attachment wi	th additional	instructions			
Strike Team/Task Force/ Resource Identifier	Leade	r	Cor	ntact Info. #	# of Persons	Repo	rting Info/Not	es/Remarks			
ODA 1	MST1 GOGGAN	NS	251-	525-7156	2	Hourly					
ODA 2 - WATER TF1	MST2 JAMES		252-	339-6667	2	Hourly					
ODA 3 - WATER TF2	BM1 GREEN		251-	259-8903	2	Hourly					
7. Work Assignments:	7. Work Assignments:										
ODA 1 – Monitor salvage operations of the SIGNET ENTERPRISE at Aransas Pass, Drill Ship DPSDS1 and State Ferries R.E STOZER JR and J.C.DINGWALL at Port Aransas. ODA 2 - Launch TGLO 320 - Conduct assessment of Goose Island and north through Aransas National Wildlife Refuge s Christi and respond to spills. ODA 3 - Launch TGLO 322- Conduct assessment of Tropic Isle and Bluff Landing. ALL TEAMS - Conduct hazard evaluation and damage assessment, collect information on ALL damaged and sunken vessels, and populate the NDOW response software. Conduct Oil Discharge assessments. Prioritize and conduct assessment targets of the targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a Laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.											
8. Special Instructions:											
When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Signs and symptoms of heat exhaustion – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or Edward Primeau, 609-351-7148. Critical Information Reporting (CIR) All teams shall immediately report any active discharge and/or release to the National Response Center, 1-800-832-8224, and Operations Branch Chief. SITREP: Contact SITL prior to 1200 and 1600 at 251-533-8438											
9. Communications (radio	and/or phone contact no	umbers needed	d for th	nis assignme	nt):						
Name/Function	Radio: Freq./Syst	em/Channel		Pho	ne		Cell	/Pager			
Emergency Communication	ns: 911 / SO (512) 23	3-9330 / OP	S CHI	EF: (512) 605	-9649 / SI	TL 251-533-84	38				
Emergency Communication	ens:										
10. Prepared by: (RESL)	(Date / Time) 11. Re	viewed by: (PS	SC)	(Date / Tir	me) 12	2. Reviewed by	y: (OPS)	(Date / Time)			
MSTC Chavalia	09/02/17 1700 Matthe	w Loesel			Ni	colas Brescia					
ASSIGNMENT LIST						IC	S 204 – EF	ΟΔ (Β 02/10)			

1. Incident Name:		2. Operational Period: (Date / Time)								
Hurricane Harvey – E		7 @ 0700 ASSIGNMENT LIST ICS 204 - EPA								
3. Branch:		4. Division/0	Group	pup/Staging:						
ALPHA		Oil Recove	Oil Recovery Group							
5. Operations Personnel:				·		••				
ICS Position		Name		Affiliat	tion		Contact	# (s)		
	NICOLAS BRI			EPA		214-789-83				
Operations Section Chief:	JACQUELINE			USCG		415-720-41				
	DANIEL DAV	18		TGLO 361-438-0			3/9			
OPBD ALPHA:	JAMES SMITE			USCG (251)644-1			.785			
Branch Chief:	ERIC NOLD			EPA		816-718-42	274			
6. Resources Assigned:				"X" indica	tes 204a a	ttachment wi	th additiona	I instructions		
Strike Team/Task Force/ Resource Identifier	Leader	Cor	ntact Info. #	# of Persons	Repo	rting Info/No	tes/Remarks			
OR 1	MSTC HA	MSTC HARRIS			2	Hourly				
OR 2 (24/7 Duty Pollution Response)				-533-7166 -438-0379	2	Report to Sect appropriate co		ired or		
7. Work Assignments:										
ODR 1 – Respond to any reports of active pollution discharges, NRC Reports or CHEMTEL Reports as appropriate and initiate actions to recover the pollution. ODR 2 - Respond to any reports of active pollution discharges, NRC Reports or CHEMTEL Reports as appropriate and initiate actions to recover the pollution. Notify Branch Director (BOSN Smith-251-644-1785) of any discharges after hours. ALL TEAMS - Conduct hazard evaluation and damage assessment, collect information on ALL damaged and sunken vessels, and populate the NDOW response software. Conduct Oil Discharge assessments. Prioritize and conduct assessment targets of the targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a Laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.										
8. Special Instructions:										
When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Signs and symptoms of heat exhaustion – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or Edward Primeau, 609-351-7148. Critical Information Reporting (CIR) All teams shall immediately report any active discharge and/or release to the National Response Center, 1-800-832-8224, and Operations Branch Chief. SITREP: Contact SITL prior to 1200 and 1600 at 251-533-8438										
9. Communications (radio	and/or phone cor	ntact numbers needed	d for t	his assignme	nt):					
Name/Function	Radio: Fre	q./System/Channel		Pho	ne		Cel	l/Pager		
Emergency Communication			S CHI			 L 251-533-843		_		
Emergency Communication		,								
10. Prepared by: (RESL)	(Date / Time)	11. Reviewed by: (PS	SC)	(Date / Ti	me) 12	. Reviewed by	/: (OPS)	(Date / Time)		
MSTC Chavalia	09/02/17 1700	Matthew Loesel			Nie	colas Brescia				
ASSIGNMENT LIST						IC	S 204 – E	PA (Rev 02/10)		

1. Incident Name:		2. Operati			ate / Tin	ime)			LIST
Hurricane Harvey – E	ESF 10 Texas			2 0700 2 0700				ICS 204 -	
3. Branch:		4. Division	n/Group	/Staging:					
ASPECT									
5. Operations Personnel:		·		-y					
ICS Position		Name		Affiliat	tion		Contact	# (s)	
Operations Section Chief:	NICOLAS BRE	SCIA		EPA R6		(214) 789-	8383		
Division/Group Supervisor/STAM:	NICOLAS BRE	SCIA		EPA R6		(214) 789-	8383		
6. Resources Assigned:			"X" indica	ites 204a	attachment wi	ith additiona	I instruction	s	
Strike Team/Task Force/ Resource Identifier	Lead	der	Cor	ntact Info. #	# of Persons	Repo	orting Info/No	tes/Remarks	
ASPECT	Mark Thomas		TBD		5	Contact OF	S at comple	etion	
7. Work Assignments:						<u> </u>			1
Monitor conditions and ASPECT will assess De treatment facilities) and ongoing releases.	partment of Home	land Security (Di	HS) cri	tical infrastru	ıcture (e.	g. public wat			
8. Special Instructions:									
Address any Safety cond	cerns to Reggie Bo	ook, 512-233-933	80 or Ed	lward Primea	au, 609-3	51-7148.			
9. Communications (radio	and/or phone cont	act numbers need	ded for t	his assignme	ent):				
N	ame/Function		R	adio: Freq./Sy	stem/Cha	nnel	Phone /	Cell / Pager	
Emergency Communication	ons: 911 / SO (5	12) 233-9330 /	OPS CH	IIEF: (512) 605	5-9649	***************************************			
10. Prepared by: (RESL)		11. Reviewed by: ((Date / Ti		2. Reviewed b	y: (OPS)	(Date / Ti	ime)
Tori Gomez	09/02/17 1840	Matthew Loesel			N	Nicolas Brescia			
ASSIGNMENT LIST						IC	S 204 – E	PA (Rev 02/10)	

1. Incident Name:			2. Operational Period: (Date /				me)	4.0010.1141		ют
Hurricane Harvey – ES	SF 10 Texas		From: 09-03 To: 09-03	_	7 @ 0700 7 @ 0700			ASSIGNMI ICS 2	EN I L 204 - E	
3. Branch:			4. Division/0	Group	/Staging:					
BRAVO		•	Hazard Eva	aluatio	on Group					
5. Operations Personnel:		l			<u> </u>					
ICS Position		Name			Affil	liation		Contact # (s)		
Operations Section Chief:	NICOLAS BR JACQUELINE BRUCE SIMO	FITCH	I		EPA (214) 7 USCG (415) 7 TGLO (361) 4			-8383		
OPBD BRAVO:	BILL RHOTE MATT TILIM		Y		EPA (214) 4: USCG (832) 2:					
6. Resources Assigned: N		011				cates 204a		rith additional instru	uctions	
Strike Team/Task Force/ Resource Identifier		Leader		Cor	ntact Info. #	# of		orting Info/Notes/Rer		
HE 1	EPA Wagı	ner		804-	-337-3049	3	Every 2 ho	ours		
HE 2	EPA Schm	EPA Schmedek			-806-2534	3	Every 2 ho	ours		
HE 3	NSF Town	send		205-	-706-1791	3	Every 2 ho	ours		
HE 4	NSF Your	NSF Young			-487-8543	3	Every 2 ho	ours		
HE 5	TCEQ Kli	TCEQ Kline			-548-1032	2	Every 2 ho	ours		
HE 6	TCEQ Tet	TCEQ Teutch			-803-1011	2	Every 2 ho	ours		
HE 7	TCEQ Mo	nk		619-	-888-3783	2	Every 2 ho	ours		
HE 8	TCEQ My			410-209-7605 2			Every 2 ho			
HE1 – Work with ERRS from Houston ship chann HE2 – Work with ERRS HE3/4/5 – Begin clearing HE6/7/8 – Begin clearing	nel ending at Atk contractor on w g grids in Chamb	inson Is orkboat ers cou	sland. s, conduct ov nty for inlan	vervie d Haz	ew/final wa zard Assess	aterway as sment.				
8. Special Instructions:										
per hour. During prolong symptoms of heat exhaus weakness; thirst; irritabil Critical Information Re	When the heat index is around 100F drink 1 cup or water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Signs and symptoms of heat exhaustion: cool, moist skin; heaving sweating; headache; nausea or vomiting, dizziness, light headedness; weakness; thirst; irritability; elevated body temperature. PFDs on the vessel. Safety Officer – MSTC Sawyer – 904-755-4860. Critical Information Reporting (CIR) All teams shall immediately injuries, mishaps, and report any active discharge and/or release to the National Response Center, 1-800-832-8224, and Operations Branch Chief.									
9. Communications (radio				d for t			<u> </u>			
Name/Function Emergency Communication			m/Channel -4860 / DIV	/S _ I		hone n = 251-487	7-0461	Cell/Pager		
								(ODS) / D	1 T	
10. Prepared by: (RESL) LT Arons 9/0	(Date / Time) 2/17 1700	Matt Loc	viewed by: (Ps		(Date / '02/17 1900		12. Reviewed but the Nicolas Brescia	oy: (OPS) (Da	ate / Tin	ie)
ASSIGNMENT LIST							IC	S 204 – EPA (Re	v 02/10)	

BRUCE SI	Name CIA INE FITCH MONS	From: 09-03-17 © To: 09-04-17 © 4. Division/Group Air Operations C	0700 /Staging :	tion		ASSIGN ICS	S 204 -	
NIC BREST JACQUEL BRUCE SI BILL RHO MATT TIL	Name CIA INE FITCH MONS		Group Affilia	lion				
NIC BREST JACQUEL BRUCE SI BILL RHO MATT TIL	Name CIA INE FITCH MONS	Air Operations (Affilia	tion				
NIC BREST JACQUEL BRUCE SI BILL RHO MATT TIL	CIA INE FITCH MONS			tion				
JACQUEL BRUCE SI BILL RHO MATT TIL	CIA INE FITCH MONS			tion				
JACQUEL BRUCE SI BILL RHO MATT TIL	INE FITCH MONS		EPA		1	Contact # (s))	
MATT TIL			USCG USCG		(214)789-8 (415)720-4 (361)438-0	170		
N/A	TENBERRY JMON	7	EPA USCG		(214)-437-9 (832)-256-3			
			"X" indica	ites 204a a	- '	th additional in	structions	3
rce/	Leader	Coi	ntact Info. #	# of Persons	Repo	rting Info/Notes/	Remarks	
ublic US	CG Haskins	714-	-319-8764	2	Contact for	launch/comple	etion	
		r over Chambers	and Liberty	Counties	to determine	most heavily	impacted	l
cerns to Air O	perations wit	hin the Sector IO	CP.					
•					:			
	lio: Freq./Syste SO (904) 755-4		Pho	one		Cell/Pa	ger	
	00 (904) 755-4	OUU						
(Date / Time) 11. Revie	ewed by: (PSC)	(Date / Ti	me) 12	. Reviewed by	: (OPS)	(Date / Tir	ne)
) 11. Revie	ewed by: (PSC)	(Date / Ti		. Reviewed by	r: (OPS)	(Date / Tiı	me)
	me from the B Assessment us cographical bo cerns to Air O	me from the Bravo Director Assessment using helicopte eographical boundaries. cerns to Air Operations wit	me from the Bravo Director: Bill Rhotenber Assessment using helicopter over Chambers cographical boundaries. cerns to Air Operations within the Sector IC	me from the Bravo Director: Bill Rhotenberry/Matt Tilin Assessment using helicopter over Chambers and Liberty cographical boundaries. cerns to Air Operations within the Sector ICP.	me from the Bravo Director: Bill Rhotenberry/Matt Tilimon. Assessment using helicopter over Chambers and Liberty Counties cographical boundaries. cerns to Air Operations within the Sector ICP.	me from the Bravo Director: Bill Rhotenberry/Matt Tilimon. Assessment using helicopter over Chambers and Liberty Counties to determine cographical boundaries. cerns to Air Operations within the Sector ICP.	me from the Bravo Director: Bill Rhotenberry/Matt Tilimon. Assessment using helicopter over Chambers and Liberty Counties to determine most heavily cographical boundaries. cerns to Air Operations within the Sector ICP.	me from the Bravo Director: Bill Rhotenberry/Matt Tilimon. Assessment using helicopter over Chambers and Liberty Counties to determine most heavily impacted exographical boundaries. cerns to Air Operations within the Sector ICP.

1. Incident Name:		2. Operation	al Per	riod: (D	ate / Tin	ne)	4.0014	ONMENT	LOT
Hurricane Harvey – ES	SF 10 Harvey	From: 09-03 To: 09-04		2 0700 2 0700				GNMENT I ICS 204 - I	
3. Branch:		4. Division/0							
BRAVO		Container F							
5. Operations Personnel:				- J					
ICS Position	Na	ame	e Affiliation		tion		Contact #	# (s)	
Operations Section Chief:	NIC BRESCIA JACQUELINE FIT BRUCE SIMONS		EPA USCG TGLO			(214)789-8363 (415)720-4170 (361)438-0379			
OPBD BRAVO:	BILL RHOTENBE MATT TILIMON	ERRY	EPA (214)-437-9804 USCG (832)-256-3261						
6. Resources Assigned: N	/A			"X" indica	ates 204a	attachment wi	th additiona	I instructions	
Strike Team/Task Force/ Resource Identifier		ader	Cor	ntact Info. #	# of Persons	Repo	rting Info/No	tes/Remarks	
CR 1	EPA Solecki		908-	-420-4501	2	Every 2 hou	ırs		
CR 2	EPA Fry		816-	-807-8805	2	Every 2 hou	ırs	# P P P P P P P P P P P P P P P P P P P	
								1 1 1 1 1 1 1 1 1 1 1	
	3 H							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
								# 1	
						# 1		H	
All TEAMS – Conduct e Evaluation SOP and doc teams must download/sy	ument targets utilizir	ng response man	ager v	via a laptop/.	IPAD/Ha	azard Evaluati	on Field Da	ata Sheet. Al	11
8. Special Instructions:									
When the heat index is a per hour. During prolon symptoms of heat exhaus weakness; thirst; irritabil Critical Information Re release to the National R	ged sweating lasting stion: cool, moist ski ity; elevated body te eporting (CIR) All t	several hours, d n; heaving swea emperature. Safe teams shall immo	rink s ting; l ety Of ediate	sports drinks headache; na fficer – MST ely injuries, n	containi ausea or C Sawye mishaps,	ng balanced e vomiting, dizz er – 904-755-4 and report an	lectrolytes. ziness, light 1860.	Signs and headedness;	;
9. Communications (radio	and/or phone contact	t numbers needed	d for t	his assignme	ent):				
Name/Function	Radio: Freq./S	ystem/Channel		Pho	one		Cell	l/Pager	
Emergency Communication	ons: 911 / SO (904)	755-4860 / DI\	/S – L	T Arons – 609	9-351-850	3			
10. Prepared by: (RESL)	(Date / Time) 11.	Reviewed by: (PS	SC)	(Date / Ti	me) 1	2. Reviewed by	/: (OPS)	(Date / Tin	ne)
LT Arons 9/0	2/17 1700 Mat	thew Loesel		09/02/17	1800 N	licolas Brescia			
ASSIGNMENT LIST						IC	S 204 – EI	PA (Rev 02/10)	

1. Incident Name:		2. Op	erational Pe	eriod: (C	ate / Tin	ne)			
H	ТЕ 10 Т	From	: 09-03-17					MENT LIST	
Hurricane Harvey – ES	of 10 Texas	To:	09-04-17	@ 0700			IC:	S 204 - EPA	
3. Branch:		4. Div	/ision/Group	o/Staging:					
BRAVO		Oil I	Discharge A	ssessment G	roup				
5. Operations Personnel:									
ICS Position		Name		Affilia	tion		Contact # (s)	
Operations Section	NICOLAS BI			EPA		(214) 789-			
Chief:	- : IACUITELINE ELIC			USCG TGLO		: ' '	(415) 720-4170 (361) 438-0379		
OPBD BRAVO:	BILL RHOTE MATT TILIM			EPA USCG		(214) 437- (832) 256-			
6. Resources Assigned: N		IOIV		•	ates 204a		th additional in	structions	
Strike Team/Task Force					# of				
Resource Identifier		Leader	Co	ontact Info. #	Persons	Repo	rting Info/Notes/	Remarks	
ODA 1	CWO Ba	ynor	252	2-305-9090	3	Every 2 hou	ırs		
ODA 2	ET1 Dun	ning	305	5-587-3501	3	Every 2 hou	ırs		
ODA 3	MST1 Sh	unda	908	3-209-8564	3	Every 2 hou	ırs		
ODA 4	CWO Wi	nstead	252	2-945-5775	3	Every 2 hou	ırs		
ODA 5	MST2 M	etcalf	850)-890-3255	2	Every 2 hou	ırs		
ALL TEAMS - Respond operations. Populate the and document targets uti download and sync infor ODA 1 & 2 – Focus will ODA 3 & 4 – Focus will ODA 5 – Follow-up Mag	NDOW software lizing Response mation daily and be facility assess be vessel assess	re, prioritize a e Manager via a d complete a 2 ssments. sments	nd conduct a laptop/PD	assessment o A/Hazard Ev	of the ass valuation	igned targets. Field Data Sl	Utilize the N	DOW SOP	
8. Special Instructions:									
All Health and Safety in water every 15-20 minut hats, gloves, safety glass operational and used dur Wildlife Form and subm DO NOT attempt to appr CG – (904)-755-4860 Critical Information Rerelease to the Operations	es. Take breakes, safety boots ing assessments itted to the Groroach or catch exporting (CIR)	s as needed in a , and PFDs). U s. Impacted wi up Supervisor. ven domestic a	a shaded are se sunscree Idlife needs Contact ar animals. Ma	ea. Ensure y en and insect s to be docun nimal control nintain teamy	ou wear repellant nented or at 361-8 vork - us	the appropriate. Ensure air real the NDOW I 126-4630 if you the buddy sy	e PPE for your nonitoring inst Fish Kill and I u find distress stem! SOFR —I	task (i.e. hard ruments are njured ed animals - WSTC Sawyer,	
9. Communications (radio	and/or phone co	ntact numbers	needed for	this assignme	ent):				
Name/Function		eq./System/Cha			one		Cell/Pa	ger	
Emergency Communication	ons: 911 / SO	(094) 755-4860	/ DIVS - I	LT Arons 609-	351-8503				
10. Prepared by: (RESL)	(Date / Time)	11. Reviewed	by: (PSC)	(Date / Ti	me) 1	2. Reviewed by	y: (OPS)	(Date / Time)	

09/01/2017 1830

Nicolas Brescia

ICS 204 – EPA (Rev 02/10)

LT Arons

ASSIGNMENT LIST

9/02/17 1700

Matthew Loesel

Operational Period: From: 09-02-17 @ 0700 To: 09-03-17 @ 0700

ID	Last	First	Position	Agency	Phone
136	Abreu	Aaron	Alpha Operations Team Member	USCG	305-766-0800
129	Acevedo	Janie	Liaison Officer	EPA	469-222-7810
114	Adams	Adam	Alpha Operations Team Member	EPA	214-202-6952
116	Adams	Richard-Todd	Air Ops	Air Patrol	501-410-4142
101	Alexander	Jonathan	Alpha Operations Team Member	USCG	281-883-7188
74	Alton	Josh	Alpha Operations Team Member	USCG	503-939-3816
51	Andrews	John	Alpha Operations Team Member	TCEQ	817-658-0558
138	Aten	Brandon	Alpha Operations Team Member	USCG	860-514-4581
120	Bell	Cecil	Alpha Operations Team Member	TxSG	281-960-2751
75	Bemis	Chistopher	Alpha Operations Team Member	USCG	904-738-4785
125	Berg	Catherine	Environmental	NOAA	907-529-9157
83	Book	Reggie	Safety Officer	6 CST	512-233-9330
30	Brescia	Nic	Operations Section Chief	US EPA R7	214-789-8383
90	Brock	Bob	TGLO Deputy Incident Commander	TGLO	281-960-5506
33	Brooks	Jared	Alpha Operations Team Member	6 CST	512-233-9318
89	Buck	Anthony	TCEQ IC Commander	TCEQ	512-563-3935
106	Buell	John	Air Ops	Austin PD	512-825-3487
131	Burgo	Daniel	Data Management	EPA	857-225-5563
143	Burke	Cory	Alpha Operations Team Member	TCEQ	361-779-9094
85	Buschang	Steve	Scientific Support Coordinator	TGLO	512-431-2232
13	Butler	Simone	Documentation	TGLO	361-695-6661
52	Caudle	Christopher	Alpha Operations Team Member	TCEQ	956-454-2664
45	Chaney	Scott	Alpha Operations Team Member	ERRS-SWS	870-279-1422
82	Chavalia	Isaac	Resource Unit	USCG	718-689-4408
34	Chong	Chol	Alpha Operations Team Member	6 CST	512-233-9315
53	Christianson	Cody	Alpha Operations Team Member	TCEQ	254-396-5181
123	Cisneros	Nancy	Environmental Unit	USCG	361-648-3662
35	Combs	Nicole	Alpha Operations Team Member	6 CST	517-712-0585
5	Cook	David	Data Management-Corpus	START - Weston	512-970-8836
146	Cooper	William	Bravo Operations Team Member	EPA	832-922-2317
36	Cornejo	John	Alpha Operations Team Member	6 CST	512-233-9319
23	Cruz	Roy	Alpha IT	TGLO	512-585-7692
54	Davidson	Megan	Alpha Operations Team Member	TCEQ	347-453-0022
67	Davis	Daniel	Alpha Operations Team Member	TGLO	361-438-4916
55	Diaz	Jonathan	Alpha Operations Team Member	TCEQ	956-454-0387
68	Duenes	James	Alpha Operations Team Member	TGLO	361-438-2593
	Dulany	Austin	Alpha Operations Team Member	TGLO	361-438-4914
118	Edwards	Melanie	Alpha Operations Team Member	TCEQ	361-825-3113
122	England	Brian	Alpha Operations Team Member	EPA	404-263-8775
	Enriquez	Jesus	Air Ops	Mcallen ISD Police	956-802-6907
121	Eppler	David	IC Safety Officer	EPA	214-733-4676
9	Ferguson	Joel	Deputy Incident Commander	USCG	251-680-9675
31	Fitch	Jacqueline	Operations Section Chief	USCG	415-720-4170
102	Flores	Enrique	Alpha Operations Team Member	Austin PD	830-481-6736

Operational Period: From: 09-02-17 @ 0700 To: 09-03-17 @ 0700 INCIDENT COMMUNICATIONS PLAN ICS 205A - EPA

46 Foard	Darrel	Alpha Operations Team Member	ERRS-SWS	682-238-8399
37 Freeman	Mark	Alpha Operations Team Member	6 CST	512-233-9322
6 Frey	Mark	Data Management-Corpus	START - Weston	510-761-5655
7 Fuller	Kris	Data Management-Corpus	START - Weston	972-754-4715
38 Garcia	Donovan	Alpha Operations Team Member	6 CST	512-233-9336
49 Garcia	Oscar	Alpha Operations Team Member	START - Weston	956-909-4311
103 Garcia	Luis-Daniel	Alpha Operations Team Member	6 CST	956-966-6906
2 Gee	William E	Communications	6 CST	512-233-9334
26 Geoering	Kerry	Logistic	6 CST	512-233-9327
130 Goggins	Walt	Alpha Operations Team Member	USCG	337-349-4711
81 Gomez	Tori	Resource Unit	START - Weston	214-918-9411
108 Graveline	Gabriel	Alpha Operations Team Member	OKTF1	918-899-2113
141 Green	Luke	Alpha Operations Team Member	USCG	251-259-8903
50 Hadwin	Eric	Alpha Operations Team Member	START - Weston	225-773-9104
56 Halepeska	Jay	Alpha Operations Team Member	TCEQ	NA
76 Harris	Bobby	Alpha Operations Team Member	USCG	907-723-3457
142 Harris	Robert	Alpha Operations Team Member	USCG	907-723-3457
93 Hatfield	Austin	Alpha Operations Team Member	USCG	717-575-9647
3 Hawkins	Dean	Communications	6 CST	512-233-9328
8 Hettinger	Sean	Data Managemnet-Houston	START - Weston	609-666-9608
86 Hoffman	Jillian	Deputy Planning Chief	USCG	251-533-8438
12 Hope	Carla	Documentation	TCEQ	682-556-5827
57 Houston	Kendra	Alpha Operations Team Member	TCEQ	325-829-9097
145 Houston	Robert	Bravo Operations Team Member	EPA	214-982-5711
92 Hutley	Tedd	USCG Incident Commander	USCG	609-351-7142
140 Huyett	JB	IC Reach Back	NOAA	410-940-9933
98 James	Weldon	Alpha Operations Team Member	USCG	252-339-6667
70 Janskowski	Michael	Alpha Operations Team Member	TGLO	956-459-3141
58 Johnson	Zac	Alpha Operations Team Member	TCEQ	903-563-6678
59 Jones	Greg	Alpha Operations Team Member	TCEQ	303-579-4177
105 Joseph	Michael	Alpha Operations Team Member	Austin PD	512-921-7427
39 Kelaita	Johnson	Alpha Operations Team Member	6 CST	912-233-9316
111 Kelly	Jason	Alpha Operations Team Member	TCEQ	512-239-0871
11 Koza	Brent	Deputy State OSC	TGLO	361-438-4928
126 Krieger	Geoff	IC Safety Officer	EPA	202-578-2000
80 Larson	Darrin	Public Information Officer	US EPA R6	972-467-5509
32 Latham	Ben	Operations Support	START - Weston	972-213-6618
124 Lehmann	Steve	Environmental	NOAA	617-877-2806
60 Leigh	Eric	Alpha Operations Team Member	TCEQ	979-324-9744
61 Lindgren	Eric	Alpha Operations Team Member	TCEQ	817-266-2003
79 Loesel	Matt	Planning Section Chief	US EPA R6	202-578-2125
137 Logazino	Marc	Alpha Operations Team Member	ERRS-SWS	870-331-5112
134 Lwehring	Lawrence	Reach Back	TxSG	361-944-0505
47 Marc	Hogazino	Alpha Operations Team Member	ERRS-SWS	870-331-5112
100 Marlow	Robert	Alpha Operations Team Member	USCG	415-302-8855

Incident Name: Hurricane Harvey - ESF 10 Texas Operational Period: From: 09-02-17 @ 0700 To: 09-03-17 @ 0700 INCIDENT COMMUNICATIONS PLAN ICS 205A - EPA

20 Martin	John	EPA IC Commander	US EPA R8	214-789-1994
21 Martin	Rob	Finance Section Chief	USCG	415-302-8855
91 Martinez	Jimmy	TGLO Incident Commander	TGLO	361-438-3833
147 Matthews	Jachel	Bravo Operations Team Member	EPA	517-513-4359
29 Maynard	Gloria	NDOW	TGLO	512-653-9381
71 McDaniel	Frank	Alpha Operations Team Member	TGLO	361-903-4988
72 Mock	Corey	Alpha Operations Team Member	TGLO	956-443-8619
128 Nold	Eric	Operations	EPA	816-718-4274
18 Nunez	Alex	Environmental Unit	TPWD	361-658-3181
115 Ohs	Mathew	Air Ops	Air Patrol	501-681-7632
133 Olivera	Raymond	Alpha Operations Team Member	TGLO	956-455-8012
27 Paisly	Eric	Logistic Section Chief	US EPA R10	214-789-8750
87 Pena	Gonzalo	Situation/Planning	TGLO	956-459-3178
109 Pentecost	Jim	Alpha Operations Team Member	USCG	251-644-2738
40 Pierce	Daniel	Alpha Operations Team Member	6 CST	512-952-1448
95 Piquette	Timothy	Alpha Operations Team Member	USCG	413-351-5801
28 Powell	Geoffrey	Medical	6 CST	512-233-9333
132 Prichard	Danny	Alpha Operations Team Member	TCEQ	832-236-2525
84 Primeau	Ed	Safety Officer	USCG	609-351-7148
17 Ragon	Derek	Logistics Section Chief	US EPA R9	214-463-4041
14 Ramirez	Santana	Documentation	TGLO	956-280-3619
139 Resley	Vincent	Alpha Operations Team Member	USCG	951-760-0578
62 Rizzo	Blas	Alpha Operations Team Member	TCEQ	361-816-9596
107 Robinson	Eugene	Alpha Operations Team Member	DPI	512-665-9990
144 Rodriguez	Jose	Bravo Operations Team Member	EPA	817-845-9503
99 Russell	Stephen	Alpha Operations Team Member	USCG	206-403-8483
15 Saenz	Debbie	Documentation	TGLO	512-563-8289
41 Sedtal	Chris	Alpha Operations Team Member	6 CST	512-923-3235
96 Simcox	Robert	Alpha Operations Team Member	USCG	774-929-0763
73 Simons	Bruce	Alpha Operations Team Member	TGLO	361-438-0379
63 Simpson	Ron	Alpha Operations Team Member	TCEQ	817-565-8321
42 Smejkal	Brad	Alpha Operations Team Member	6 CST	512-233-9321
1 Smith	Jimmy	Assessment Team Lead	USCG	251-644-1785
97 Smith	Charles	Alpha Operations Team Member	USCG	251-487-6681
135 Smith	Heath	Alpha Operations Team Member	EPA	816-718-4277
94 Stanley	Shawn	Alpha Operations Team Member	USCG	609-287-5137
48 Suarez	Miguel	Alpha Operations Team Member	ERRS-SWS	870-582-1653
25 Sullivan	Terry	Logistic	TCEQ	512-426-3016
24 Taylor	Austin	Liaison	TCEQ	361-537-7919
43 Thurmer	Sean	Alpha Operations Team Member	6 CST	512-233-9317
19 Tidwell	Travis	Environmental Unit	TPWD	512-422-8054
78 Tindol	Bret	Alpha Operations Team Member	USCG	251-423-4134
117 Trevino	Karla	Alpha Operations Team Member	TCEQ	361-227-2691
88 Veselka	Jay	State OSC	TGLO	361-244-9229
66 Viatrek	Chris	Alpha Operations Team Member	TCEQ	512-605-9659

Incident Name: Hurricane Harvey - ESF 10 Texas Operational Period: From: 09-02-17 @ 0700 To: 09-03-17 @ 0700

INCIDENT COMMUNICATIONS PLAN ICS 205A - EPA

110 Waganar	Noah	Alpha Operations Team Member	USCG	208-819-9638
64 Waidler	David	Alpha Operations Team Member	TCEQ	214-208-0617
22 Walton	Steven	IT	TCEQ	210-842-2384
119 Waterman	Fred	Reach Back	TxSG	210-487-9671
44 Wells	Brandon	Alpha Operations Team Member	6 CST	419-266-4819
65 Wells	Jennifer	Alpha Operations Team Member	TCEQ	972-207-3529
16 Williams	Cynthia	Documentation Lead	TCEQ	432-638-3034
127 Wood	Tony	Reach Back	NSCS	210-867-2363

1. Incident Name:	ECE 10 Tomo	· · · · · · · · · · · · · · · · · · ·	eriod (Date / Time)			MEDICA	L PLAN	
Hurricane Harvey – I 3. Medical Aid Station			То:			ICS	206-CG	
	S. Alpha bia			<u> </u>		Param	edics On	
Name			cation		tact #	site (Y/N)		
Al Amin Shiner Maj G. Powell		2001 Suntide Rd, Corpu	us Christi, TX 78409	512-233	-9333	N		
4. Transportation								
Ambulance Ser	vice	Ado	dress	Con	tact #		medics ard (Y/N)	
CORPUS CHRISTI FIR	Ε	2406 LEOPARD Ste #30	00	911		Y	a. a (17.17	
DEPARTMENT/EMS S SACRED HEART MED		Corpus Christi, TX 7840 3909 LONE TREE RD.		361-826 361-579		Y		
SERVICES	ICAL	3909 LONE TREE RD.	VICTORIA, TX	301-379	-9121	Ť		
CALHOUN COUNTY E	MS	705 COUNTY RD 101 F	PORT LAVACA	361-552	-1140	Υ		
Coastal Care EMS		810 Henderson St. Rock		361-727		Y		
ALLEGIANCE AMBULA SERVICES	ANCÉ	1959 Saratoga Blvd # 2: 78417 NO SHEPA		(855) 24	7-5911	Y		
FIVE STAR AMBULAN	CE	4639 CORONA ST. CO 1 TRUCK, DIALYSIS		361-334	-5870	Y	Υ	
HALO FLIGHT		1843 FM 665 CORPUS	CHRISTI, TX	361-265	-0509	Υ	Υ	
SENS-IBLE CARE INC		2814 E Carlos Truan Blv	vd, Kingsville, TX 78363	361-595	-4321	Υ		
WILLACY COUNTY EN	//S	101-, 199 Turner Ave, R		956-689	956-689-5456			
HARLINGEN EMS		1705 VERMONT HARL		(956) 364-2711		Υ		
LOS FRESNOS CITY AMBULANCE		#A 200 NORTH BRAZIL	ST. LOS FRESNOS, TX	956-233-5007		Υ		
5. Hospitals								
Hospital Name		Address	Contact #	Trav Air	el Time Ground	Burn Ctr?	Heli- Pad?	
CHRISUS SPOHN MEMORIAL HOSPITAL		PITAL BLVD CHRISTI 78405	361-902-4000	15	15	N	Υ	
CHRISTUS SPOHN	600 ELIZA	BETH ST.	361-881-3000			С	Υ	
SHORELINE HOSPITAL	CORPUS	CHRISTI 78404 (OPEN)						
(SNAKEBITES)								
(WOUND CARE) (HYPERBARIC)								
US ARMY	3400 RAW	LEY E. CHAMBERS AVE	210-916-2720			Y		
INSTITUTE OF SURGICAL	SAN ANTO	ONIO,TX 78234-5012						
RESEARCH								
FORT SAM HOUSTON								
TRIUMPH HOSPITAL	506 EAST VICTORIA (OPEN)	SAN ANTONIO ST.	361-575-7441			N	Y	
CITIZENS MEDICAL CENTER	· /	PITAL DRIVE	361-573-9181			N	Υ	
REFUGIO COUNTY MEMORIAL	REFUGIO, ER ONLY		361-526-2321			N	Y	
HOSPITAL CHRISTUS SPOHN SOUTH HOSPITAL		ATOGA BLVD CHRISTI 78414	361-985-5000			N	Υ	

CORPUS CHRISTI MEDICAL CENTER:DOCTORS REGIONAL	3315 SOUTH ALAMEDA ST. CORPUS CHRISTI,TX 78411	361-761-1400	N	Υ
DRISCOLL CHILDREN'S HOSPITAL	3533 SOUTH ALAMEDA ST CORPUS CHRISTI,TX 78411	361-694-5000	N	Υ
CORPUS CHRISTI MEDICAL CENTER – BAY AREA	7101 SOUTH PADRE ISLAND DRIVE CORPUS CHRISTI,TX ER Only	361-761-1200	Z	Υ
(SNAKEBITES)				
CHRISTUS SPOHN HOSPITAL KLEBERG	1311 GENERAL CABAZOS BLVD KINGSVILLE,TX 78363 (Open)	361-595-1661	N	Υ
DRISCOLL CHILDREN'S HOSPITAL	1120 EAST RIDGE ROAD MCALLEN,TX 78503	956-688-1200	Ν	Υ
SOLARA HOSPITAL OF HARLINGEN	508 VICTORIA LN HARLINGEN, TX	956-425-9600	N	N

6. Special Medical Emergency Procedure

- In cases of emergency evac please contact 911.
- In case of snakebites, patients are to be transported to either Christus Spohn Shoreline Hospital (Nearest) or Bay Area Medical Center. Both of these hospitals have been confirmed to being able to care for snakebites.
- In the case of ANY injury, please seek medical attention then report the incident to the Safety Officer at 609-351-7148 and USCG personnel shall report to Sector Corpus Christi DUTY HS @ 361-438-0197.
- Injury and illnesses shall be reported to your supervisor and then to your agency or employer.

7. Prepared by: (Medical Unit Leader)	Date/Time	8. Reviewed by: (Safety Officer)	Date/Time
HS2 Neal	01Sep17/1105	Reggie Book	1 Sep 2017/1400
MEDICAL PLAN (Rev.07/04)		IC	S 206-CG

Tropical S Harvey	ouston Gal Storm	2. Operational P From: 2 Sep 17 0	eriod (Date / Time) 0700 To: 3 \$	Sep 17 0700		MEI	DICAL PLAN ICS 206-CG
3. Medical Aid Stat	ions						
Name		Loca	ation	Con	ntact#	Paran	nedics On site (Y/N)
Sec Houston /Galve (CG personnel only)		13411 Hillard St	treet, Galveston TX,	4611	281-464-	N	
4. Transportation				1		P	aramedics
Ambulance Ser			ress		ntact#	On	board (Y/N)
Galveston Fire		823 Rosenberg,		3702	409-765-	Y	
Texas City Fire Dept and EMS		1725 25 th Street	t North, Texas City, TX	1 - 10년 - 그는 구성하게 주	r 409-392- nin-409-643-	Y	
Ellington Field	d Fire	14657 Sneider S	St, Houston, TX	911 or 281-929-			Υ
and Nasa EMS Houston Fire	and	922 Dixie Farm	Rd, Houston, TX	2337 911 or Admin 832-394-		Y	
Webster Fire Dept		18300 Highway	3 Webster, TX	911 or Adm 3730	in 281-316-	Y	
Acadian		2022 Humble P	L Dr, Humble TX		48-7772	Y	
City Ambulan	ce		etta Rd #6, Houston,	911 o	r 281-894-	Y	
5. Hospitals				1			
Hospital Name		Address	Contact #	Air	rel Time Ground	Burn Ctr?	Heli- Pad?
Clear Lake Regional	Webster, (No Burn/	no maj trauma/No ic Chamber) Lat: ' N Long:	281-332-2511	<5m	5M	No	Yes
UTMB Galveston Level II	TX (Trauma I 1 burn ce	851" N Long:	409-772-9505	<10M	45M	Yes	Yes
St. John's Clearlake Level III	TX 77058 pad) Lat:	Johns Dr Houston 8 (no burn/1 helo 29°33'01.93" N °05'08.07" W	(281) 333-5503	7M	12M	No	yes
Memorial Hermann Southeast Level III	TX 77089	toria Blvd Houston, 0 (helo pads and Lat: 29°58'71"N '21'67"W	(281) 929-6100 (281)669-8870	4M	10 M	No	yes

Pearland Medical Center FLOODED/NOT	11100 Shadow Creek Parkway Pearland, Tx 77584 (no trauma/no burn/not helo accessible helo pad flooded)	(713) 770-7000	<10M	26M	No	Yes(flooded)
AVAILABLE Memorial Herman Pearland Level IV	16100 South Fwy Pearland TX 77584 (no level trauma/ 1 helo pad/no burn) Lat: 29°56'30" N Long: 95°38'85"W	(713) 413-6589 Command Center 713-413-6500	10M	16M	No	Yes
Mainland TXC Level IV	6801 Emmett Lowry Expressway, Texas City, Texas (hyperbaric chamber on call) Lat: 29°39'48"N Long: 94°98'59"W	(409) 938-5112/(409) 938-5050 ((409) 789- 2656 hyper baric call number)	30M	45M	No	No
Memorial Hermann Hospital Level I	6411 Fannin St, Houston, Texas 77030 (helo pad, Burn Center, and hyperbaric) Lat: 2942.8 Long: 9523.7	713-704- 4000/2500/2578/426 8 (713)704-1223 charge Nurse	10M	30M	Yes	Yes
San Jac Methodist Level IV	4401 Garth Rd Baytown TX 77521 (no trauma/no burn/1 helo pad) Lat:29.768N Long:94.97W	(281) 420-8600	20M	32M	No	Yes
Bay Area Regional Level III	200 Blossom St Webster TX 77598 (no helo pad/no burn center/providing pharmacy support for active duty members) Lat: 29.544811 N Long: 95.125820 W	(281) 525-7000	5M	12M	No	No
St Joseph Medical Center Level III	1401 St Joseph Pkwy Houston TX (no burn/ 1 helo pad) 29.747621 N 95.365969W	(713) 757-1000 (713) 759-0635 Command Center	15M	29M	No	Yes
Christus St Elizabeth Level III *Only accepting critical patients for stabilization and then transferring	2830 Calder St, Beaumont, TX 77702 Lat: 30°10'13"N 094°10'13"W TSIO (no burn center/has hyperbaric)	(409) 899-7888	Aprox 1H	2H	No	No
UTMB League City Level IV	2240 Gulf Fwy. League City, TX 77573 (No Helo pad, Utilizing parking lot for Helo access)	(409)-772-1011 (409)-772-9500	15M	23M	No	No
Lafayette General Hospital Level I	1214 Coolidge St Lafayette, LA 70503 (helo pad/ hyperbaric chamber/no burn) Lat: 30°12'05"N Long: 92°01'10"W	(337) 289-7991	ЗН	3H 44M	No	Yes
South Cameron Memorial Hospital Level 4	5360 W Creole Hwy Cameron, LA 70631 (trauma center/helo pad/no hyperbaric/no burn) Lat: 20°48'47"N Long: 93°09'0.998"W	(337) 542-4111	Aprox 2H	3H 18 M	No	yes

6. Special Medical Emergency Procedures

Initial triage is completed by Health Service technicians at medical aid station when possible if needed patients are sent via ambulance to nearest medical center capable of providing higher level of care. All patients will be tracked by medical staff, with timely information being fed to the ICS chain, regarding condition, facility patient is being transferred to, and periodic updates on condition. One government vehicle is available for medical to transport CG personnel only to transport between the AIRSTA and SECTOR and make pharmacy runs etc. Current HS staff is 16 HS and 1 CG Flight surgeon to rotate site aid station at clinic.

Sick call services will be available 0700 TO 1600 Saturday and Sunday at Sector H/G clinic. After hours, call Duty HS at (281) 387-8998.

For psychological cases will use local ER as needed.

Pharmacy Support for Active duty members provided by: Bay Area Regional Pharmacy Contact Mr. Lane at (985) 258-7335

Available Pharmacies:

Kroger Pharmacy 11701 S Sam Houston Pkwy E, Houston TX 77089 Contact: -281-484-7754 9am to 5pm for the rest of the week During normal business hours 9am-9pm

HEB 2755 E League City Pkwy, League City, TX (281) 334-2012 POC: (Sherly and Denise pharmacy contacts) 9am-6pm

Kroger pharmacy 1905 Elmar lane, Seabrook TX 77586 Contact: 281-474-7666 9am-9pm

Dental Officer onboard during normal business hours..

Medical Lobby dispensing location for personal hygiene items.

	409-7	ontact # /23-65	45	aramedics On site (Y/N) N Y			
	409-7	23-65	45	site (Y/N)			
	409-7	23-65	45	site (Y/N)			
	512-7	21-93	88	Y			
4. Transportation							
Address				amedics On oard (Y/N)			
(409	09)980-7702			Υ			
Cypress St. Sulphur LA, 70663 (337)527-703				4 Y			
	Trav	el Time Ground	Burn Ctr?	Heli- Pad?			
4-7389	9 <5M	10M	No	Yes			
4-3600) <5M	10M	No	No			
2-950	5 unk	unk	Yes	Yes			
e, (337)436-2511 unk		unk	NO	Yes			
2-717	1 10M	20M	No	Yes			
	24-3600 72-950! 86-251:	Air 24-7389 <5M 24-3600 <5M 72-9505 unk 36-2511 unk	Air Ground 24-7389 <5M 10M 24-3600 <5M 10M 72-9505 unk unk 36-2511 unk unk	Air Ground Ctr? 24-7389 <5M 10M No 24-3600 <5M 10M No 72-9505 unk unk Yes 36-2511 unk unk NO			

6. Special Medical Emergency Procedures

Any fatality or injury (greater than first aid) immediately report to the Safety Officer, Duty HS and the UC.

MSU PA Clinic: (409)723-6545 Duty HS cell phone: (409)719-1600 Safety Officer: (757)567-7653

Pharmacy:

To get an emergency refill, take your prescription bottle to any TRICARE retail network pharmacy. To find a network pharmacy call Express Scripts at 1-877-363-1303.

Medical Referrals:

Due to the State of Emergency, as a result of Hurricane Harvey, all Beneficiaries from Houston counties in Texas are evacuated and they may not have to get a referral from their PCM to see a provider. They are able to schedule an appointment with a provider in the area where they are evacuated until September 5, 2017. Complete Texas list located on the Tricare website.

7. Prepared by: (Medical Unit Leader) HS2 Nicholas Angeles	 8. Reviewed by: (Safety Officer) Craig Groman 01Sept	Date/Time 2017 / 1035
MEDICAL PLAN	ICS 20	6-CG (Rev.07/04)